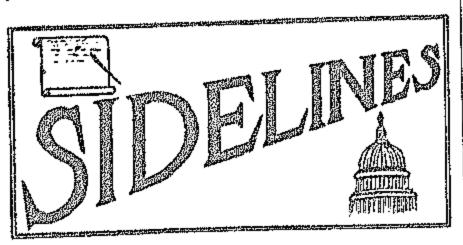
Armour Institute of Technology, Chicago, Illinois

Tuesday, January 14, 1936



By Albert M. Lane

(Continued from last issue) THE PLIGHT IN which we find ourselves - the young blood of a nation that must shape itself to endure the labor of rebirth-was not unforeseen for us. Frederick W. Taylor took up the battle some thirty odd years ago and, with saintly perseverance, forced upon engineers a consciousness of their concern with the human element in industry. It is to his glory that the implanted has blossomed forth into full flower, but it is not through any contorted vision which he may have held that engineers have shirked their responsibilities to favor the demands of industrialists that the new knowledge be exploited at the expense of human welfare and economic stability. The counsel was given, but its implications were dis- ly received a semester's scholarship ter on "Catalysis of Chemical Reacdained. At times the sun has not to Harvard University through the tions" which will be optional to shown so brightly and fleeting efforts of Dean Heald, and he will senior chemicals and graduate stuglimpses of the haunting specter leave Armour Institute next semes- dents. have been caught. It was at one ter to study courses under Professor such period several years ago that Terzaghi, who is often called the the American Engineering Council pointed to the inevitable while de- Professor Ensz will also stay at received the degree of Doctor of to consider a revised form for the fining engineering as "... the science | Cambridge to attend the Internation- | Chemistry in 1925 at Moscow Uniof controlling the forces and of util- al Conference on Soil Mechanics and versity. For a time he lectured in izing the materials of nature for the Foundation Engineering from June the Moscow Academy of Mines and benefit of man, and the art of or- | 22 to June 26, 1936. Professor | was chief chemist of the State Inganizing the human activities in connection therewith."

IT IS OUR obligation to recognize | Harvard University. the fuller significance of our powers and to shape our course about an in mechanized production methods study of the subject. breed disproportionate increases in unemployment. On the contrary, it the Chicago area who has a profesis an established fact. Each such sional knowledge of soil mechanics, discard of some portion of the total and for the last five years has conavailable supply of human effort ducted graduate courses at Armour adds to the complexity of equalizing | Only this year, he introduced an unfrom an advance. Engineering vision must be broad enough to anticipate the forces set up by progress in the field. There must be a full comprehension of all of the effects of such forces upon economic, social, and political tranquility.

FULL RECOGNITION must be taken of the end which the machine (Continued on page 4)

Phi Lambda Upsilon Initiates Eight Men

Eight men were formally admitted to Phi Lambda Upsilon, honorary chemical engineering fraternity, at the initiation and banquet held at the Pi Kappa Phi house December 18. The new members are N. Balai, H. O. Bauermeister, N. Gerber, T. M. Gilkison, R. S. Kercher, L. W. Robbie, C. D. Rodriguez, and P. R.

Schultz. As a pledge duty these men prepared a plate glass fraternity sign in blue and red, the fraternity colors.

Pledge Two Men to Scarab Membership

On the evening of January 3, 1936, the actives and alumni members of Edfou Temple of Scarab, architectural fraternity at Armour, met at the International House to pledge Albert H. Ramp, '37, and Raymond Kliphardt, '38. Dean Heald and Mr. Emery Stanford Hall were guests at the dinner. After the dinner which was given in honor of the occasion, Mr. Hall, Fellow of the American Institute of Architects, led a discuscation."

L. J. Lease Appointed to Direct Co-op Plan

L. J. Lease, vocational director at Thornton Township High School, was recently appointed coordinator of the mechanical engineering cooperative plan. It is his duty to plan a program of studies with the student, and to make contacts between employers and students.

Mr. Lease graduated from the University of Illinois in 1904, and has worked for Western Electric Company, the Cutler Hammer Company, and has also been with Morton High School.

Ensz Is Recipient of Harvard Award

Will Leave Institute to Continue Studies

professor of civil engineering, recent- give one lecture a week next semes-"Father of modern soil mechanics." | Moscow on February 17, 1895. He | general assembly will soon be held Terzaghi will preside at the confer- stitute for Peat Industry. He was ence which occurs in the year of working in Germany and was the two hundredth anniversary of brought to this country by the Uni-

Introduced Course at A. I. T. Professor Ensz has studied soil University and now will work at Areven broader concept of engineering | mechanics since he first came in con- | mour, preferring the college atmoinfluence. We have the responsibil- tact with the subject through Ter- sphere to that of the company. ity to awaken ourselves to awareness | zaghi's book, published in 1925. Ter- | The doctor is a member of the that many of us are endowed with zaghi is a Czechoslovakian who con- German and American chemical the faculties and all of us are ducted studies in soil mechanics at societies. He is primarily interested equipped to further curtail the need | Roberts College, Istanbui, and at | in catalysis but has worked with for human effort in productive ca- Technische Hochschule, Vienna, Aus- peat and cellulose. pacities. It is imperative that our tria, and in 1925 established at Masforesight be keen enough to appreci- sachusetts Institute of Technology Prizes Will Feature ate the consequences of our acts. It | and Harvard University the first is no longer conjecture that increases | laboratories in this country for the

Professor Ensz is the only man in disbursement of benefits accruing dergraduate elective course, and he believes that it will, in time, be required in the civil engineering curr culum of every school in the country. Chairman of Committee

> At a recent conference of the Society for the Promotion of Engineering Education, he was chairman of the committee on soil mechanics. On January 15, 1936, at 7 p. m., he will address the Western Society of Engineers, in their rooms in the Engineering Building on the subject of soil mechanics. He will include a short history of the subject besides explaining what it concerns and what it accomplishes.

Three Are Awarded A.S.M. Membership

awards to the American Society for Metals were made to J. H. Johnsen, E. W. Engstrom, and R. S. Kercher at the monthly meeting of the Chicago chapter last Thursday evening. These men were chosen for the posi- ary 23. tions by Professor Carpenter, who has charge of metallurgy at Armour.

The University of Illinois, the University of Chicago, Northwestern University, Valparaiso University, and Lewis Institute were also given the same recognition. Not all of these, however, received three appointments.

the Medinah Athletic Club, began at dents, numbered 72, of whom eight ance carried by the Kroger Consum- 1935. Dean Heald, Professor Ensz, 6:30 p. m. with dinner and enter-were women. tainment. After that Mr. R. Archer, on "Does Research Pay" in which he the questions concerning dictatorbrought out all of the salient facts | ships, in which no one approved of a search.

Universal Oil Products Company to Organize Research Lab at Armour

Universal Oil Products Company, a research organization engaged in developing processes of making gasoline and other oil by-products, is installing a research laboratory at the Institute. The metallurgy lab, "dark room," and Professor Carpenter's office have been moved to Machinery Hall at the expense of the company to make room for the Council. laboratory.

To Lecture Weekly Dr. Vasili Komarewsky, lecturer and chemist, will conduct research work for the company on the catalytic reactions of paraffin hydrocarbons. The principal object of the work will be to discover catalytic fraternity men and stray Greeks. agents which will aid reactions in cracking crude oil to make gasoline. He will also work with many gaseous products of little value with the hope of reforming them to gaso-Professor Herbert Ensz, associate line. Along with this work, he will

Born in Moscow

versal Oil Products Company. He did research work at Northwestern

W9YW's Card Party

Prizes, entertainment and refreshments will be the order of the evening at the Armour Tech Radio Club | constitution calling for the appointcard party to be held in Armour | ment of a social chairman whose ap-Mission at 8 p. m. on January 17, proval must be secured on the date 1936. Bertram Heine and his new of all social events. accordion will be a feature of the party. The winner at each table will receive a prize worth the price of admission, and numerous door prizes, made available by several manufacturers, will be given out. Ticket sales will be limited to 150, tickets being available from any member of | formal. the Armour Tech Radio Club.

TECH NEWS TO CONDUCT POLL ON WAR VIEWS

Are more than 72 readers of the Armour Tech News sufficiently interested in world affairs to give their views on war? This question, among others, will be answered by the poll to be conducted by the News through Honorary junior membership the medium of the war ballot appearing elsewhere in this issue. Every one, student or other, is eligible to vote, but the ballots must be placed in the News box in the lobby of the main building before Janu-

A similar ballot has been submitted to the students of the University of Denver and Purdue University during the past few months. The results at the latter institution showed that, out of the 100 ballots returned, only 72 were valid, with the remainder obviously duplications. Voting in the poll at Purdue, including students, faculty, The meeting, which was held at stenographers, and high school stu-

The most decisive of the results were in favor of Communist rule.

Fraternities to Hold Dance February 29

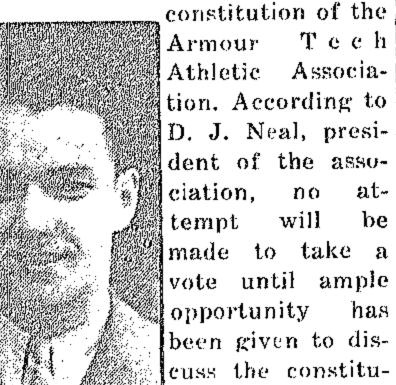
On Saturday, February 29, Armour fraternities are to hold a formal dinner-dance at the Chicago Beach Hotel. This has been the decision of a special social committee appointed by the Interfraternity

George Savidis, president of Phi Pi Phi and chairman of the committee, stated that he has heard manya fine orchestra in the past few weeks and hopes to engage a real toe-persuasive band. The dinnerdance will be open only to Armour

REVISED A.T.A.A. TO BE DISCUSSED

Juniors and Seniors to Meet Before Date is Set

Awaiting only meetings of the Dr. Komarewsky was born in junior and senior classes, another



made to take a vote until ample opportunity has been given to discuss the constitution in class meet-

D. J. Neal ings.

Frosh and Sophs Have Approved Before the Christmas holidays, both the freshman and the sophomore classes discussed the new form and expressed their satisfaction with it, with the exception that the freshmen went on record as favoring retention of the article in the present

Article Not Observed

Although this article is now in force, it has not been observed in recent years. Some confusion was caused last fall when the freshmen scheduled a dance to take place a week before the annual senior in- 27 with 125 present in spite of

The revision of the constitution was originally made by Neal, but further revisions have been made by a committee composed of R. R. Johnson, J. O. Larson, H. P. Milleville, S. M. Miner, D. J. Neal, R. M. Paulsen, R. A. Peterson, and F. X. A.S.M.E. and A.I.E.E. Popper.

The complete revised text of the constitution is given on page 5 in this issue of the News.

"Oil Fires" Is Topic at Next F.P.E.S. Meeting

At the next meeting of the F.P.E.S., to be held Friday, January 24, in B Mission at 10:30, Mr. Charles P. Holmes will present an illustrated lecture "Oil Fires and Their Extinguishing."

Plans are already being formulated for a smoker to be held at the Lawson Y.M.C.A., sometime early in Four Wen Imitiated March.

At the meeting of last Friday, Donald M. Wood, of the firm Childs and Wood, gave a talk illustrating giving an example of the procedure followed in investigating the insurers Company.

the national president, gave a talk of the balloting were obtained for a successful insurance broker must initiation banquet. Following the Boulder City, the problems of poursion on the topic "Architectural Edu- concerning modern industrial re- Fascist dictatorship and only two ing, and also possess a knowledge of manufacturing.

GOODWAN THEATRE FEB. 28

This Concert is First to be Presented to General Public at Admission Charge; Proceeds to Help Finance Trips

SPONSORED BY FACULTY WOMEN'S CLUB

Arx Dance To Be at Steuben Club

Final arrangements have been made for the annual Arx Dance to February 28, 1936, at 8:30 p. m. be known this year as the Charette. The Women's Faculty Club will priced at \$1.25.

posters must be delivered to the stu- ately. dent supply store by noon, Friday. The awards will consist of one full

Becker, H. F. Lohmiller, B. Nobler, in February. A. H. Ramp, and E. F. Schmaltz.

Welding Group to Meet at Armour

At the next monthly meeting of the Chicago chapter of the American an entirely new note, never before Welding Society, Mr. Jules Muller, heard, it being the first time that head of the metallurgical department of the Central Steel and Wire Co. of Chicago, will talk on "The Metal- Chicago. lurgy of Welding." Through the courtesy of Armour Institute, the society has arranged to hold its meetings in the Assembly Hall of the First, they wish to show to a larger Mission building, and has invited those students who are interested in the meetings to attend.

day of each month at eight o'clock the glee club and orchestra organizain the evening. Preceding each tions, both under the skillful baton meeting Mr. Muller will conduct a one-hour class on the metallurgy of welding.

The first meeting of the society at the Institute was held on December slushy streets. Some special equipment was brought down for demonstrations in the forge shop on the first floor of Machinery Hall. The (Continued on page 4)

to Hear Woodworth

On Friday, January 24, the A. S. M. E. and A. I. E. E., in joint meeting, will hear a talk "Engineering Work and the Law Course" by Mr. P. B. Woodworth, a Chicago patent attorney. The meeting will be held in Science Hall.

Mr. P. B. Juhnke, chief load dispatcher of the Commonwealth Edison Company, was heard by the A. S. M. E. last Friday on the subject "Load Distribution of the Mid-West and of the Chicago Stations in Particular."

Into Civil Honorary

Styrsky, seniors, and L. E. Zwissler, composed of granite, the dam was the work of the insurance broker by junior, were initiated into Chi Ep- built in Black Canyon because these silon, honorary civil engineering fra- five congressmen recommended it as ternity, on Saturday, December 28, the dam site. Mr. Wood stated that a man to be and a few alumni were present at the of the canyon, the building of be well informed in mathematics, banquet, the party adjourned to the ing concrete, transporting the gimechanics, law, medicine, account- Grand Theater, where they enjoyed gantic conduits, turning the river rent stage play.

After studying for three and onehalf years under O. Gordon Erickson, the Armour Tech Musical Clubs have decided to expand their activities by presenting a public concert at the Goodman Theatre on Friday, The dance will be held in the Grand | sponsor this concert, the tickets for Ballroom of the Steuben Club, on which are fifty cents each and are February 7. Music is to be furnished now on sale in the lobby of the main by Jimmie LeRoy and his orchestra, building during the lunch period. All and the bids have been attractively seats are reserved, since they are equally advantageous but it will be A poster contest has been an necessary for those desiring a group nounced with everyone eligible. All of tickets to purchase them immedi-

To Present Other Programs

Before this concert takes place, bid and two half bids. Each poster the Musical Clubs will present sevis to contain the particulars outlined | eral other programs, the first of them on January 17 at the McCor-Anyone wishing to earn a free bid | mack Y. W. C. A. Two other conmay do so by selling five. Interested | certs, sponsored by the Illinois Cenparties may contact any of the mem- tral Railroad and by the National bers of the social committee: R. W. | College of Education, will be given

The following statement on the public concert at the Goodman was issued by George W. Ormsby, president of the Musical Clubs:

"The most important note of the year to be struck by the Armour Tech Musical Clubs will be the concert in the Goodman Theatre Friday, February 28, at 8:30 p. m. This is Armour's Musical Clubs have appeared in any theatre concert in

Reasons for Concert

"The musical clubs have more than one purpose in giving this concert. public than ever before, that Armour produces well-rounded men of diversified interests as well as thor-Meetings are held on the last Fri- oughly trained engineers. Through (Continued on page 4)

To Repeat Talk on' Boulder Dam

Mr. R. A. Kirkpatrick, a special representative of the Union Pacific Railroad Company, who talked at Armour last February on the problems connected with the construction and location of Boulder Dam, is going to lecture again on the same subject next Friday at 10:30 in the assembly hall. Those who heard his talk last year will remember that concrete was being poured for the huge structure at that time. At present the dam is nearing completion.

In last year's lecture Mr. Kirkpatrick told of the terrible flood conditions which the Colorado River brought about annually in the Imperial Valley. When, in 1905, an especially disastrous flood occurred, Congress was aroused to investigate the condition. One man spent twelve years in finding the best possible site for the dam, and chose Boulder Canyon. A party of five congressmen visited the site, but saw a place which they liked better-Black Canyon, the sides of which were volcanic J. E. Linden, S. T. Nylen, J. S. rock. Although Boulder Canyon was

The lecture included the problems Professor Stevens, active members, of surveying and preparing the walls "Anything Goes," the popular cur- from its course, and the other engineering details of the project.

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JANUARY 14, 1936 Vol. XVI.

In The Clear

times!

As the class of 1936 prepares to enter its last never the less in, to say the least, a transitory comment. position. Its president retiring because of physical disability, its trustees doing their best to pro- at the mouth with rage at the present national vide for its future with a new educational plan, administration, and are running in circles after tion affairs might take, or where they might end. munism, yet the City of Chicago and the State

to note the clearing of the picture. Not only do litical dictatorship as absolute as any America we see things moving under skilled direction, has ever seen, and every day growing more toward the emergence of an Armour Institute | bolder. Its opponents in the legislature, if any sound and solid financially, and more than ever are able to sneak in despite its ability to control, respected scholastically, but many of the steps | by foul means, our local elections, don't stay in along the way have been actually accomplished.

riculum, advancements in the ability of the school men. It has already appointed itself arbiter of to serve the community, and a general impres- the public morals and supreme critic of the sion of conditions on the up grade, meet our in- drama; how much farther it will go into the spection.

knowing the length of time the promotion of such | dizzy time.

Lauds Christmas Concert

appreciation, as well as that of several other students,

for the exceptionally fine concert presented by the Arm-

our Musical Clubs at the close of last year. It is inspir-

ing and gratifying to know that such unselfish and fine

work as the club has accomplished can succeed in spite

of the small and petty disturbing elements, which it

seems must always exist. And not only have the clubs

succeeded in attaining real ability in their field, they

have also succeeded in winning over the support of the

that for the coming concert in February, which should

certainly be one of the finest the club has ever given,

the admission charge be not set so high as to become

exorbitant and thereby exclude a good many of the

Armour students who have enthusiastically supported

the club thus far and who have every desire of continu-

Four Year Social Science

Yours truly,

Sidney M. Miner.

vast majority of the studuent body.

ing in their support?

May I take this opportunity of expressing my own

large projects must always require, there can be no cause for discouragement as yet. Armour's present buildings must certainly be replaced soon, and Armour's administrative officers, as we well know, have worked out a plan to replace them. That they will succeed; that coming years will find Armour Institute secure in the position of the outstanding engineering school of the Chicago area, we can doubt no more than we doubt that this highly industrialized region needs a source of trained and capable engineers.

'Round and Around

With the national elections nearly a year away, the battle between our two great political parties has already grown so hot that we find even the professors taking time off during class to talk politics. And the seriousness with which men are embracing one side or the other, the righteousness with which they denounce their opponents and point to themselves and their cohorts as the only true lovers of the people and saviors of the nation is, as always, both laughable and pitiful.

It seems incredible that the Republicans could semester at Armour Institute, two highly signifi- | believe, as they apparently do, that our dive into cant additions to the school's functions go into the depths in 1929 had no relation whatever to effect for the first time, and we may well be the policies of the Republican administration, and out. moved to pause and reflect on a great change that | that our slow outward climb is entirely in spite has come into being at Armour during the short of the fact that the Democrats are in power. And span of the seniors' direct acquaintance with it. that the Democrats could feel, as they apparently Four years ago, Armour, past its fortieth anni- do, that such creaking make shifts as the WPA are versary, with an honored reputation and an out- to characterize our national affairs from now on, standing record of service to the community, was solving all our problems, is effrontery beyond

Four great newspapers in Chicago are frothing no one could say with any certainty what direc- the bogeys of censorship, dictatorship, and com-Today, the gloomiest observer can hardly fail of Illinois are clamped tight in the claw of a polong; either their seats are stolen by the smooth-Look where we will, improvements in the cur- running machine, or they are killed by hired gunrealm of censorship no one can say.

Of course, the question of a new plant, so often | It's easy to see why "the Music Goes 'Round discussed during the past year, looms large in and Around" took four years to become a hit. the minds of Armour's friends, but even here, | Such a dizzy song had to wait for a properly

training in business and other Social Science courses.

Judging from this, the cure for the present difficulties is STUDENT OPINION not in eliminating them, but rather to give Social Science throughout the four years with sufficient time to get a general knowledge. This may be done at the sacrifice of Photography in Engineering HAVE you noticed the increasing use of pictures in more detailed engineering courses, which do not teach

Ray Mansfield.

every field of operation? Heretofore PHOTOGRAPHY much but only afford an application of old principles by was left to the advertising manager and sales engineer | means of much labor. The value of these detailed courses can be secured by but today it is adopted by the technical profession as indispensable in recording what cannot be so forcefully co-ordinating all courses to show the possible applications and inter-dependence of the several branches of described in words as through the "universal language."

An engineer has many tools in his kit, and since sucengineering. These observations are not conclusive. They are merecess can be measured directly with the amount of enterprise shown, why not add another tool? Use PHO- ly a statement of the probable general changes that Integral law", concluded Professor please, for the sake of order in the TOGRAPHY, the universal language. Don't be behind should be, and eventually will be made in educational Richardson: "did you follow me?" class, confine your pursuit of knowlprocesses. Before making any definite change, industries | Voices of assent were heard and edge to other localities." and graduates should be consulted and the several prob- even the little white dog, who had lems studied. Having reached a decision as to what should | followed every word, barked his un- | len, his tail between his legs. Still be done, the necessary changes should be made without | derstanding. But when the professor | hopeful, however, he sought out anany doubtful hanging on to antiquated courses. Only by called for volunteers, no one offered other class. This time it was Proradical reliance on truth can present errors be corrected. to go to the board to explain the law fessor Colvert's physics class, where No half-way point is sufficient.

Sincerely yours,

R. H. Knabe.

More About Liquor Ads Insist on the genuine article! Get Four Noses or Old Quicker in leg-lined and pamper-proof cans!

In the recent discussion as to whether such startling information should be made available to the Armour In view of this last fact, may I offer the suggestion student, in the form of liquor advertisements, the Armour Tech News has maintained a discreet silence. And there is a reason for this seeming lack of interest.

When the eighteenth amendment was repealed, it was made a policy and a rule of the school that the student publications would not accept advertisements of the fluid type; and since then, all (and there were many) efforts on the part of the News to change that have resulted in failure. Should the Cycle solicit such advertising, the News might follow suit. It is certain, however, that such a move will result in vigorous opposition from the administration and the faculty, regardless of what mutt. the student body decides. We must further remember that though the Engineer does accept these "ads", eighty per cent or more of its readers are people other than students at Armour, which isn't true in the case of the spoke. Cycle and News. On the other hand, let me assure you that the coins clinking in the coffers would be most pleasthe time devoted to the humanities has been increased, ing music to the ears of the business department ofbut many of the cultural subjects have been lost in favor | ficers, and would cause said officials to rub their hands | to this school".

So let's settle the question once and for all; and in so asked Richardson. Sincerely yours, but all three."

> Ervin J. Simek, Advertising Manager, Armour Tech News.

The Slipstick Cleave to the slipstick; let

the slapstick fly where it may.

As he placed that hand in his own And pressed it close to his chest, He dared not whisper a sound Nor even breathe at best.

He squeezed it lightly and knew That it meant lots of good things, For whatever hand in the world Could beat an ace and four kings!

Retort:

to limb."

A Schmier's Lament

"I'll give up all my cake and pie, I'll give up all my sweeties, 'Cause Prof. Freud just warned me I might get dia-bet-es!

Jame: "Have you noticed that Jack has eyes like a sparrow?" Joan: "No! Do you mean they're brown?" Jane: "No-they flit from limb

Husband (blushing): 1 want a corset for my wife.

Clerk: What bust? Husband: Nothin'. It just wore

"And I don't like him. He's flat," says Jean.

"Don't like him?" exclaims Lulu angrily.

three cars and gets fifty thousand dollars a year!" "Oh! (Jean's getting excited) Then he's a flat with all the modern

GLADYS: Oh, I wish God had made me a man!

conveniences!!"

BILL O'BRIEN: Well, didn't he? I'm the man!

Little Willie in the best of sashes Fell in the fire and was burned to around. ashes. By and by the room grew chill,

But no one likes to poke up Willie. H'AWFULAn awful question comes to my mind;

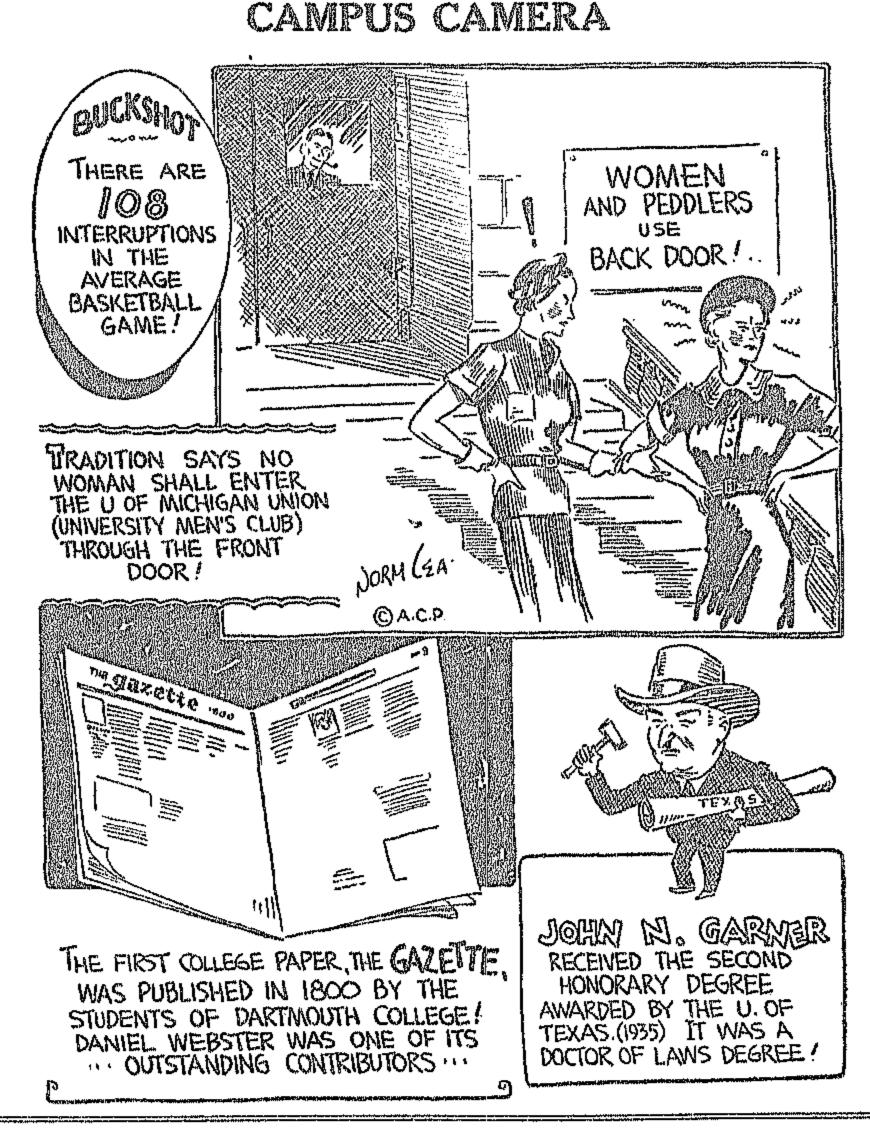
I'll put it up to you. Suppose your eye-teeth all went blind. How could you see to chew?

Policeman (sorer'n H-1): "Who was driving this car?"

(Gong!...But Major---)

Drunk (triumphantly): "None of us, offisher, we was all in the back

on the 'el' the other day."



have always respected a woman "Why, haven't you heard, he has with a strap in her hand!"

Advice to Engineers

Dear Zazu: Despite the way you have spread gossip about me, I want you to know that a young lady, intellectual and refined, is going to the Sophomore Dance with me. What have you to say to that? You-Know-Mc.

Dear Con-fu-tse: A fellow has to go out with an intellectual, refined girl now and then. There aren't enough of the other kind to go ZAZU.

"My mirth and guid humor ar coin in my pouch."

Burns and that's ZAZU

Hendricks, F.P.E. '31, Married in October

Howard S. Hendricks, of the class of June 1931, and a member of Phi Kappa Sigma fraternity, was married on October 28, 1935, to Miss Jean Hayes of Maywood, Illinois. He is John Masin: "I noticed that you employed by the Tennessee Inspecarose and gave the lady your seat tion Bureau of the National Board of Fire Underwriters. At present he Osri-"gusted": "Since childhood I is located in Nashville, Tennessee.

Snoonie Is His Name, and He's a Her; Believe the Rest of This—Or Not

By Richard Weissman "And that, gentlemen, is the Line but the pup. With short mincing he crept in unseen. The professor steps the studious pooch walked con- was lecturing on the Kinetic Theory fidently to the front of the room, and of molecules. taking the chalk in his (her?) mouth he carefully explained the problem | rive this equation?" he asked. step by step, leaving no detail untouched. Not a single person spoke.

Professor Is Amazed It was not until five minutes later that the professor recovered his presence of mind sufficiently to speak. "Did you see what I saw?" he hesitantly queried. Receiving no answer, he addressed the animal.

"It is not news," said Professor Richardson, "when a school goes to the dogs, but when a dog goes to class was sent out. school, well, maybe I'm wrong". "Wurf arf arf woof", replied the

somewhat of a wolf himself, said that he understood what the dog ment was far truer than even the

Not Only Dog

"Where did you learn electricity?" | classmates.

ation. I hope you'll forgive me."

"I think that you're a nice doggie, and I like you, and all that, but

The little dog slunk out, crestfal-

"Wurf", said the dog.

"Stop making those noises, Mal-

"I said stop it, Mallek".

"Wurf".

the room". Dog Attends Classes

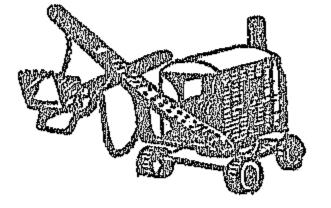
This continued until the entire

of the period to the dog. He'll prob-Just then Cliff Carstens, being ably understand it just as well as that class of mine". And this stateprofessor dreamed.

from them than most of his human of the class within a few days, at

had a yearning to go to school, and ing may not be entirely convinced. of the jacket. when I saw your classroom door | Well ask any of the professors who students!

THE STEAM SHOVEL



If PROF. RICHARDSON installed little electrical devices on the chairs in his classes, he would be able to awaken his sleeping listeners. Incidentally, it would be the only way to get some juice into BILL HEINTZ.

Sigmund Moculeski, a budding frosh poet, bids for recognition with this one:

Can it be love? Will your heart ever open Its door of gold just to me? Will your soul reap a token Of undying love for me?

If you noticed (who didn't) MAUREECE ALEXANDER does not grace (?) our portals any more. With all the debtors at his heels, the reason for his leaving seems to be clear. Even NELLIE was taken to the tune of \$1.60. However, the rest of the mob are willing to settle for 20 cents on the dollar.

ART RICE claims that he is not married. She's only the star boarder.

If the soph schmiers get accused of drinking too much beer, it's only for the cause of science. And besides it will eliminate the necessity of a wringer.

It is rumored that all the mugs caught in the act of emitting a pun will get sent to the punnitentiary.

A group of senior schmiers forgot all about the fine point of dice when they sought the elusive object after it dropped thru a crack. And it happened just when FRANK rolled "boxcars."

Jacket Is Selected By Soph Committee

After many meetings and discus-"Oh so it was you, Downing, leave | sions, the sophomore jacket committee selected a class jacket last Friday afternoon.

The jacket will have black leather sleeves and a dark red or maroon "Oh well", said Professor Colvert, body adorned by a yellow monogram. "I might as well lecture for the rest A zipper will replace the usual buttons. Its cost is \$6.50. It will be heavy enough for winter wear but not too warm for spring and fall.

Names of students intending to buy the jacket must be left with a And for the past four or five days, member of the committee at the desk which time a dollar deposit will be At this point in the story, the required. The remainder of the cost "Ever since I was a litle pup I reader, while not actually disbeliev- is to be paid at the time of delivery

J. Dunne, R. M. Faust, I. Seidenopen, I just couldn't resist the tempt- has had the pooch as one of his berg, and J. M. Sheehan make up the jacket committee.

I would like to use the privilege of the Armour Tech News to call the attention of the student body, faculty, and administrative officers to the growing tendency for engineering to be more general. It was in recognition of this fact that Armour Institute readjusted its courses in Social Science. However, the adjustments were not carried far enough. As pointed out by Howard Milleville of business courses. The majority of students objected in glee. to the new Social Science courses because under the new plan they apparently have more work to do, with doing, let us consider not only the Engineer and Cycle, loss results.

1 Last Wednesday night, I had an opportunity to talk with some of the recent graduates of Armour. Every one of them spoke of the value and importance of more

"Will you please explain and de-

lek", exclaimed the prof. "Wurf".

"But professor, I didn't do it."

"The dog said", explained Cliff, the dog has attended classes regular- in the lobby by noon today. Meas-"that it wasn't the only dog going ly, probably deriving more benefit urements will be taken at a meeting

Dutton Comments om AAA Decision

"If the President of the United States does not see fit to comment, far be it from me, a college professor, to predict any definite results." With these words Professor H. P. Dutton, head of the social science department, answered an inquiring reporter when asked for a statement on the effects of the recent decision by the Supreme Court ruling the AAA unconstitutional.

Professor Dutton did, however, hazard the following personal opinions on the effects of the ruling. If the government intends to fulfill its contracts with the farmer, the difficulty of obtaining the large sum of money necessary will prove a serious problem. (Before the decision this money came from taxing the meat processor and indirectly the public.)

From the technical point of view the decision was made because the Supreme Court believed that Congress had exceeded the taxing power given to it by the Constitution.

The AAA attempted to do what has been tried unsuccessfully many times and which in the long run is chanical laboratories last Thursday. impossible, namely, the control of He made a demonstration with the prices by taxation. Furthermore, apparatus to the evening class in any scheme devised to control pro- Diesel Engineering and left the induction is ultimately undesirable. strument for permanent use of Ar-Realizing the mistake of the attempt | mour students. This device will be made, it is far better to liquidate than to continue in the wrong direction.

Dr. Oldenburger at Science Meet

In conjunction with the meeting of the American Association for the Advancement of Science, the American Mathematical Society held its forty-second annual meeting at St. Louis, December 31, 1935 to January 2, 1936, where Dr. Rufus Oldenburger, as a representative of Armour Institute of Technology presented a paper on characteristic roots of direct products of n. way matrices. Two or three thousand scientists from all parts of the country were present at the A. A. A. S. meeting, of which members about two hundred and fifty were mathematicians.

According to Dr. Oldenburger, an interesting fact discosed by this convention was that more mathematical research of high quality is being done in this country than in any other country in the world; furthermore, that a great part of this research is done by young men.

Of more popular appeal at the convention were the science exhibits which included such things as a device for conversion of sound into light and light again into sound, by means of photo-electric tubes; and a corn popper which popped corn in an ordinary glass tumbler, without heating the glass. This was effected by use of high frequency currents which generated the heat within the corn itself. Among the scientists themselves, however, the popular exhibits were the cosmic ray machines and cosmic ray counters.

A high light in the program was the Twelfth Josiah Willard Gibbs Lecture, by Vannevar Bush, of the Massachusetts Institute of Technology. This lecture is given in honor of Josiah W. Gibbs, who is noted for his work in the application of mathematics to the various sciences. Gibbs has been styled the "American Einstein."

One among the speakers was a Polish nobleman, Count Alfred Korzybski, of Brooklyn, N. Y. From Chicago, there were only two speakers, one of whom was Dr. Oldenburger, of the math department here. Dr. Barr, also of Armour, was present.

Chemalum Plans to Become Permanent

At their splash party, held December 28, 1935. Chemalum, senior chemical engineering organization, decided to raise the club dues from twenty-five cents to one dollar in order to make the organization permanent after graduation. The seventeen couples who attended the affair took their splash at the Standard Club from 8:30 to 10:30, and spent the remainder of the evening at the home of Gus Freund, the master of ceremonies.

The physics laboratory will be closed for this semester after Saturday, January 25, 1936. Reports will not be accepted after Tuesday, January 28, 1936.

Elect Heald Head of Illinois State Deans

Henry T. Heald, dean at Armour, was elected chairman of the Illinois State Deans' Association at their organization meeting in Springfield on December 27. There has been a national deans' association for some time, but Dean Fred Turner of Illinois, who called this organization meeting, felt that the Illinois colleges' deans should have such an association for the discussion of their mutual problems.

The group includes deans of all Illinois colleges and meets once a

Ellison Donates Gas Analysis Apparatus

Lewis M. Ellison, owner of the Ellison Draft Gage Company, gave an Ellison Orsat apparatus to the meused for gas analysis of the exhaust

chanical laboratories.

Move Metallurgy Annex and Office

During the Christmas vacation, the metallurgy laboratory annex, "dark room", and Professor Carpenter's office were moved to new and roomier quarters in Machinery Hal to make room for the research laboratory to be installed by Universal Oil Products Company.

The mixers and other equipment of the metallurgy laboratory are being set up on the first floor and Professor Carpenter's office and the photography "dark room" are being installed on the third floor.

Much of the passing between buildings will be eliminated with the lab and "dark room" in the same building. The space for photography has been made much larger.

Armour Tech is the only school in the Chicago area giving an advanced metallurgy course. Thirty-five graduate students are now attending the course given by Professor Carpenter in the evening.

With the expansion of the laboratory, several developments in metallurgy are being planned for research and graduate work in the future.

Advance Alumnus to Assistant Manager

reau.

Special Courses for Art Institute Pupils

Armour is now cooperating with the Art Institute in arranging special courses to suit the needs of students taking the industrial design option there. According to Dean Heald, arrangements have been made to enable these students to take courses in applied mathematics, descriptive geometry, and strength and properties of materials. Of these three, only the descriptive geometry study is the regular course at Armour; the other two are specially designed to suit the needs of the art students.

High School Students Hold Meet at Armour

Half a hundred local high school students, members of the Fire Prevention League of the Chicago High Schools, met at the Institute last Saturday to conduct one of the regular business meetings of the League.

The group was conducted on a tour of the Institute by senior fire protects, and heard a talk by Prof. J. B. Finnegan, head of the fire protection engineering department, entitled "Fire Prevention as an Engineer Sees It."

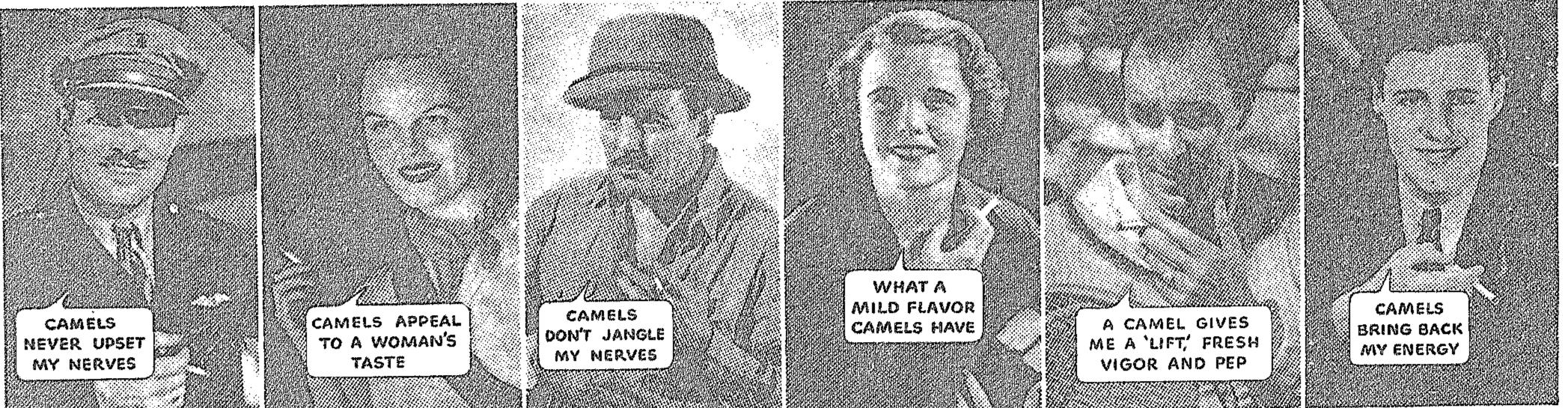
Members of the League are Royal M. Beckwith, '24, F. P. E., seniors in Chicago high schools, and fumes of diesel and automotive en- | has been appointed assistant man- | hold the titles of "Junior Fire Marager of the Western Actuarial Bu-shall" and "Assistant Junior Fire Mr. Ellison has been very much in- reau. He has been with the bureau Marshall". The object of the group terested in Armour Institute for since 1927, having spent the first is "to develop citizenship and leadmany years and has made other do- three years after his graduation ership in youth and to create a fire nations of draft gages to the me- with the Michigan Inspection Bu- prevention consciousness in all Chicagoans".

WAR BALLOT

The following is a questionnaire which has been submitted to the students of the University of Denver and Purdue University. Simply mark your preferance with an (x) and deposit in the News box in the lobby of the Main Building before January 23, 1936. Everyone, student or otherwise, is eligible to submit ballots. The results of this poll will appear in a later edition of the News.

	Yes	Do No	ubt- ful
The manufacture and sale of armaments for private profit should be prohibited by international agreement			
An effective world organization to control international, social, political and economic relationships: (a) Is it possible?			
be scrapped			
Foreign investments should be protected by the Army and Navy			
It is my duty: (a) Participate in any war the government may declare (b) Participate only in defensive war on our own soil. (c) To refuse to participate in any war whatsoever			
The most effectual means to security for the United States at the present time lies in: (a) An Army and Navy second to none. (b) Compulsory military training for all able-bodied men			
(c) Compulsory military training in colleges and universities. (d) Isolation and economic self sufficiency (e) Fascist dictatorship			
(f) Communist dictatorship			
(i) Membership in the World Court			
Student Other.			JENO W COMON

EVERYBODY'S TALKING ... ABOUT CAMEL'S COSTLIER TOBACCOS!



ROSCOE TURNER—Famous Flyer MRS. WM. LA VARRE—Explorer

COLLEGE GIRL-M. Osmun

WW. T. TILDEW, 2nd -- Tennis Star

CAMELS COSTLIER TOBACCOS mean so much to so many

people that we invite you to try them too-confident that they'll win you.

FRANK BUCK—Animal Collector

Money-Back Invitation
to try Camels Smoke 10 fragramt Camels. If you don't find them the mildest, best-Mavored cigarettes you ever smoked, return the package with the rest of the eigarettes in it to us at any time within a month from this date, and we will refund your full purchase price, plus postage. (Signed) R. J. REYNOLDS TOBACCO COMPANY Winston-Salem, North Carolina

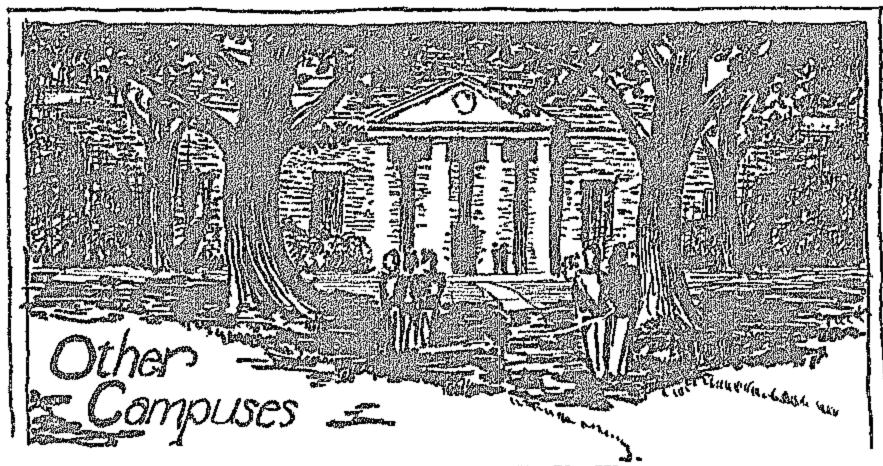
Camels have given more pleasure to more people than any other cigarette. And so we now issue this new "try ten" invitation in order that others can find out for themselves the difference Camel's costlier tobaccos make in smoking pleasure.

STUDENT-John Cowdery

Why offer can be made

We know smokers like Camels, once they try the costlier tobaccos in Camels. Literally millions of people have changed to Camels and found new enjoyment...new benefits. We want you to share their enthusiasm. Turn to Camels. Be one of the vast number who share in the enjoyment and appreciation of those finer, more expensive tobaccos.

@ 1836, E. J. Reynolds Tob. Co.



By E. R. Johnson and T. H. Watts

From Worcester Polytech comes the following "Student's Definition | ploy no organized training program of Lecture."

.... The process by which the notes of the professor become the notes of the student, without passing through the minds of either.

"Bull sessions" are being encouraged at Arizona State College at Tempe by an informal organization formed for the purpose. Go west, young man, but put on your boots!

Two roommates in the dorm have solved the problem of getting up in the morning. Every night before turning out the lights the two put 50 cents in the middle of the floor at a spot equi-distant from the two beds. When the alarm clock goes off in the morning, the one getting to the money first keeps it. And that still fails to determine which fellow has to turn off the alarm clock.

And now comes another survey to reveal that hazing and paddling have pratcically disappeared from western schools. (Ask any pledge about that!) The highlight of the article revealed that at the University of Oklahoma, where a panhellenic rule has banned hazing, one student said he had a flourishing business in manufacturing "bootleg" paddles.

checker squad.

An extra rapid system of X-ray photographs has been developed by which pictures of the heart standing still can be taken.

It seems that a young woman student at Cornell University Medical College in New York took a literary test in order to vote at the city elections and made the maximum number of errors allowed. Any more would have classed her as illiterate.

chain letter.

Provide Quiet Room For Research Work

To overcome the crowded and rather noisy conditions of the presdirection.

WELDING-

(Continued from page 1) subject of the meeting was: "Cutting and Machining with Flame." After talks on this subject were given, the flame cutting equipment was demonstrated by cutting animals in half inch metal with the use of a tem-Professor Pearl said that many visitors showed surprise at the way metal could be machined with a flame.

The program of the society is: Friday, January 24, 1936—8 p. m. Sheet Metal and Automatic Welding.

Chairman: Albert Reichmann, American Bridge Company. Friday, February 28, 1936-8 p. m. Welding and Cutting on Railroad. Chairman: R. G. Mason, A. T. & S. F. R. R.

Friday, March 27, 1936—8 p. m. Steels and Nickel Alloys.

Steel and Disc Company. Friday, April 24, 1935, 1936—8 p. m. Hendricks, who has given it in other Design Standards for Welding. Chairman: P. C. Huntly, Prof. of Mechanical Engineering, Armour Institute of Technology.

Friday, May 22, 1936—8 p. m. Weld Testing and Inspection. nois Steel Co. South Works.

To win a \$3 bet, a former Uni-

versity of Minnesota swimming

team captain swam 225 feet under

SIDELINES—

(Continued from page 1) age can best serve. There are those who would quarrel with the notion interested in the organization. that the fundamental objective of The drum major of the University mechanization in any ordered system of Minnesota band does not prac- of society must resolve itself around tice with the band, but each Satur- humanistic ideals. Nor are these in day morning he studies diagrams the extreme minority, for the concept and must know where to be in rela- of high standard of living that retion to the yard markers and when sides with many is one of measurto be there in relation to the music able comparison. In the light of a the band is playing. Next the less selfish aspect however, the decoaches will be giving chalk talks mand is keenly expressed for an obfor the members of the "heavy" cctive which would embrace the assurance that scientific and engineering development would be productive of a continuous and abundant flow of sustenance while allowing an extensive indulgence in leisure, cultural progress, and recreation for all those willing and able to share what remains of the work burden. To this latter proposition must we dedicate ourselves if our civilization is to endure, for it is only too obvious that an ever increasing mass of denied and starved people will one day take it upon themselves to destroy the Baker University hopes to build a causes of their privation. Nor can stadium with the help of a penny a mass production system flourish indefinitely in the face of a dwindling market. Eventually, its very efficiency must become its dissolution. Equilibrium must be effected for self-preservation alone, if for no

THE EVIDENCE IS before us. room has been provided where mem- shows clearly that it is not the na- added. bers of the faculty who are inter- ture of the industrialist to concern In the Heat Laboratory a new ested in intensive work in the field himself with matters beyond his own vacuum jacketted calorimeter allows of mathematics can work without immediate sphere. His energy may the measurement of specific and disturbance. This marks the first be observed to have been directed at latent heats with notable precision, step taken by the Institute in this cross purposes with the needs of civ- both by the standard method of mixilization in general. Money has been tures and by an electrical method. his god and profit his battle cry. To By means of this equipment the him there has been but one purpose specific heat of corn meal was refor manufacture -- profit; one pur- cently measured for an air-condipose for machinery—the elimination | tioning company which had been unof labor, for greater profit; and one able accurately to calculate the cool-

> THE EVIDENCE presented by the current economic and political controversy is self-indicative. needs no dissection for full comprehension. The fact is clearly discernible that the industrialist will entertain no thought of rectification. It remains for the engineer not alone to produce the force but, as well, to establish means for its control. THE END

Course In Advanced Writing Is Offered

Advanced writing, a special elective course in English, will be included in the curriculum next semes-Making and Welding Stainless ter. The course, planned especially for students holding editorial posi-Chairman: W. B. Keelor, Ingersoll tions on the staffs of Armour publications, will be given by Professor

Professor Hendricks, director of the English department, is also chairman of the board of publications, editor in charge of the Armour Engineer and Alumnus, faculty ad-Chairman: T. M. Jones, Welding viser of the Armour Tech News and on the life of some special portable Superintendent, Carnegie - Illi- | faculty sponsor of the Armour Play-

Professor Dutton Defends Employee

"Who Gets the Breaks?" is an article by H. P. Dutton, social science professor at Armour, in the November issue of Factory Management and Maintenance. He presents the point of view of the employee concerning the policy of large concerns as to promotion, training for managerial positions, and increase in pay. Professor Dutton is an associate editor of this magazine.

The article asks why plants emfor their own employees, but instead get men from outside the plant. Such a policy induces the employee to look elsewhere—some place where his training and experience will be better appreciated — and consequently lessens the loyalty of employees.

When a "Pull" Counts Often new men are promoted in preference to equally capable men of longer service. Personal ability and "pull" seem to influence employers more than the less obvious factors of loyalty, eciciency, and actual service.

The article also says that the key men-supervisors and managers are not paid what they are worth because they do not organize for higher wages as laborers do. Sometimes workers receive more income than their foreman. On the other hand some organizations are cluttered up with highsalaried executives who are not even

A solution to this problem of poor management is, of course, much more difficult than the stating of it; but the only way to stimulate thought on the part of executives as well as employees is to show them the nature of the problem that exists.

Executive Material Scarce

Professor Dutton brings out the two sides to the question of training present employees. Often the employee does not possess the required ability and education for an advanced position even though he is a loyal worker. He says in the article: "In any organization committed to the policy of hiring from within, enough run-of-mine material must be passed quate supply of that not-too-common type, the potential executive."

Obtain Equipment for Physics Lab

Considerable activity has been seen in the Physics department during the past few months, both in the development of courses and in testing work of various kinds. This year several ent mathematics office a research | The record is behind us. The record | new pieces of equipment have been

> purpose for life-to own and to rule. | ing of the substance. Also in use in | the Heat Laboratory is an apparatus constructed in the shops of the Institute for measuring the conductivity of metals. This same apparatus has been used to measure the conductivity of some Lead-Tin alloys, the values of which were not known and which had previously aroused some litigation.

In the Light Laboratory several gratings and spectrometers are now in use for obtaining spectra of various materials. A considerable amount of work has been done in examining brass alloys for small amounts of aluminum detected by photographing the spectrum. For obtaining a good source of monochromatic light, a new sodium arc is now in use.

The course in Electronics will be offered during the second semester as an elective. This work is mainly on the physical principles of vacuum tubes. Much laboratory work is done on electron constants, vacuum line work and in electric discharge

A long test has recently been run storage batteries under specified charge and discharge conditions.



Well here we are, back at the old "grind" again, forsaking all earthly pleasures, going "on charette," cramming for finals and getting nowheres in a hurry. We all agree the recent vacation was "the nuts," but there are a certain few who would have it to start with New Year's day, since they needed the extra time to recuperate.

Speaking of Charettes though, reminds us that the Arx are presenting a dance to be known as "The Charette," which is appropriately characteristic of the night life of the Arx. So, once more, the boys will go on Charette, February 7. See you there!

Pausing for a moment from this mental jaywalking we notice Lennie Kaplan running about, not watching where he is going, and finally colliding with none other than Mr. Reed. Probably the effect of getting a This is not the first evidence of their mention commended on his Recreation center.

first mentions on their water colors call that this same group of women and that Matt Sumner received a "First" on his arches.

Sometimes the boys are in a playful mood and finally wind up by playing a prank on some one, and these pranks have varied results. For instance when Pfendts' rubbers were filled with water his face turned a bright Pink.

"Pink" reminds us of "One Pinch" Lischer, who, very characteristically, wrapped a package containing "Steel" problem with pink ribbon. Below the plate Dick placed a handful of nuts and then handed the package to S. M. Spears. "And nuts to you too," shouted S. M. in return.

Little Cuneo got his trousers wet in a sinking party led by the Seniors. Now "Little Minister" Johnstone conceived the bright idea to through the screen to insure an ade- "sink" Joe Wagner. Better watch out Joe, Johnstone is a tough hom-

Tom Tax.

A CHALLENGE

The N. Y. A. boys of the Mechanical Engineers' Department ("The Huntly Hunters") hereby challenge the N. Y. A. stooges of any department to any sport, pastime, or playfrom football to ping-pong; from snowball fights to tit-tattoe . . . anything . . . we'll win!!

For example one of the challenges no doubt will be basketball. Let us draw a radio picture for you. (No Ripleys from the balcony.)

To the theme song "A Huntlyng We Will Go," we, the Huntly Hunters, hurry and scurry down the floor until the poor Libbyng creatures, the on-comers, slowly Perrysh trying to catch us "Demons of the National Youth Administration!"

As soon as news of such a game gets around, Peebles from all over will Roesch to see us play!

We H. H. offer a special challenge to the N. Y. A.'s of the Civil Department. Of course the lads will leave Wells enough alone. It would be the Ensz of them if they did accept . . . they would be called "The Grievin' Stevens" afterwards.

Well G. S. (as good a name now as later) you can easily see who will win the Pennant. All we have left to say is, "If there are ten events, we will Wins-ton.

> Capt. J. Heverdejs Mgr. J. Lopina

A 71/2-ton air conditioning unit was recently installed by the U.S. Army's Signal Corps in their telephone exchange at Fort Riley, Kan., to protect the equipment from possible recurrence of the damage caused by the dust storms of recent summers.

MUSICAL CLUBS-

(Continued from page 1) of O. Gordon Erickson, opportunity

is offered of developing their musical talents in an atmosphere of congeniality.

"Secondly, as already pointed out the musical clubs feel that in giving such a concert they are adding to the list of Armour's social events an entirely new note. They are looking forward to the further and continued development of their or ganizations made possible with the proceeds of this type of concert, and hope to finance trips to towns and cities around Chicago. It is hardly necessary to point out the value of such publicity as would be entailed by these trips, not only to the musical organizations of Armour, but to Armour Institute itself. With such incentives continually before them as preparing programs for tours and theater concerts, they might well be expected to make great improvements in the presentation of future programs. There is nothing like having a goal for which to strive.

Women's Faculty Club of Armour. ture, steel need not be fireproofed. whole-hearted cooperation in fostering musical developments of the In- Machine Shop Given This calls to our attention that stitute. Those who attended the Johnstone and Kichaven received | Spring concert in May, 1935, will remade possible the hospitable social hour which followed that concert.

> confident that they will have the ters Company has donated an elecwith the movement as shown by their | dent of the Republic Company. enthusiastic acceptance of the idea. number of which is 750."

Talk on Fireproofing Delivered to W. S. E.

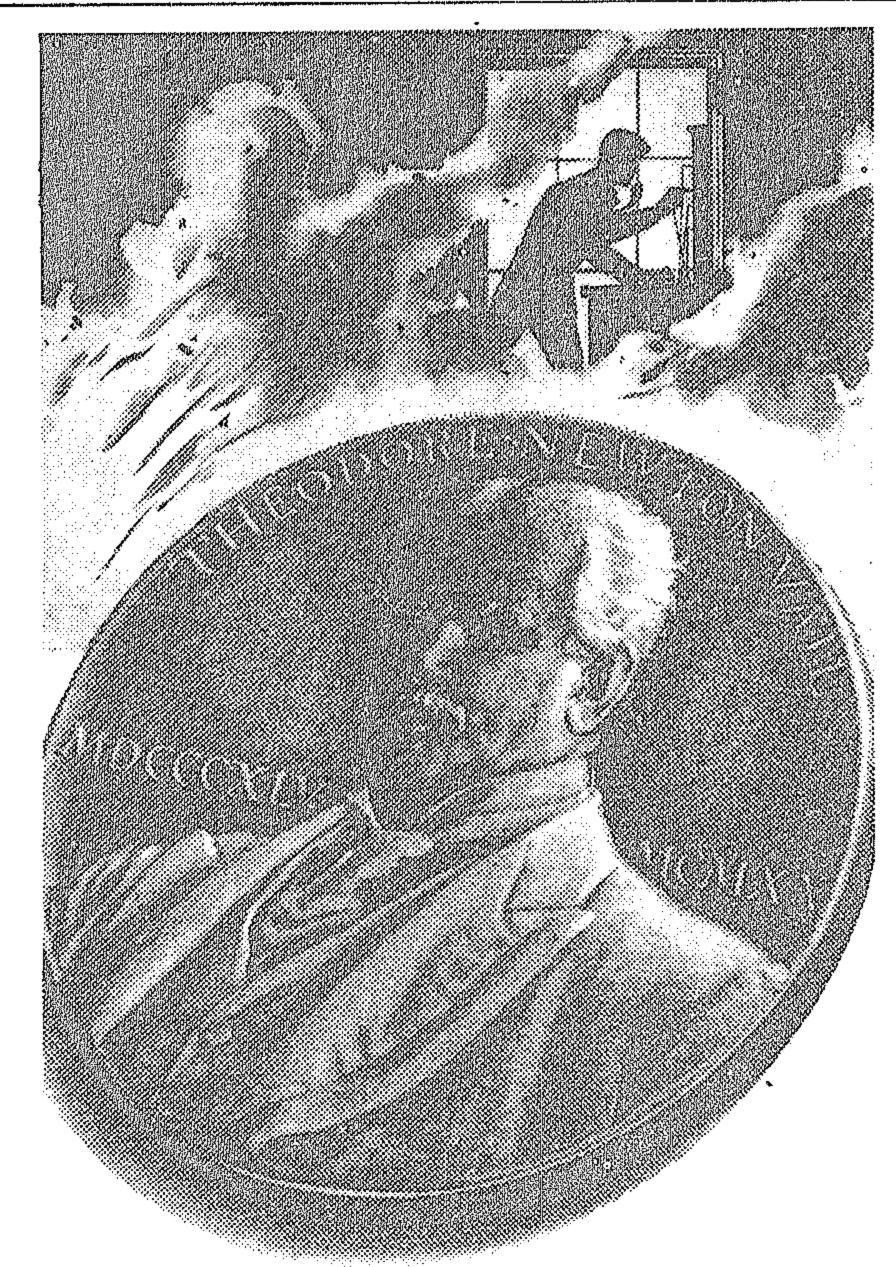
"Fires of six hours duration of warehouses are not uncommon, yet buildings such as these are considered fire-proofed when they are protected enough to withstand a blaze of four hours." This was brought out in a discussion of fireproofing of steel at the meeting of the Armour W. S. E. last Friday by Henry Penn, brother of John C. Penn, head of the C. E. department. "What's more," he said, "office and apartment buildings where conflagrations seldom last more than an hour or two at the most are protected to withstand a fire of four hours duration. This rather incongruous fireproofing design in Chicago is due to the antiquated Building Code Laws."

Mr. Penn who is the district supervisor of the American Institute of Steel Construction, and who was formerly an instructor at the Institute, revealed the fact that steel works as well at temperatures up to a thousand degrees Fahrenheit as at "The organizations are indeed ap- ordinary temperatures. For fires at preciative of the support given them | which the maximum temperature is in their new undertaking by the no higher than this safe tempera-

Electric Pyrometer

Through the courtesy of Mr. James D. Cunningham and the efforts of Mr. Gately, machine shop "The musical organizations are instructor, the Republic Flow Mewhole-hearted support of Armour tric pyrometer to the Armour mastudents as well as their relatives chine shops, which reopened this and friends. The organizations year. Mr. Cunningham is chairman themselves are thoroughly in accord of the Board of Trustees and presi-

The pyrometer is used in the Already they alone have guaranteed measurement of very high temperathe sale of half the tickets, the total tures, particularly during the heat treatment of tools.



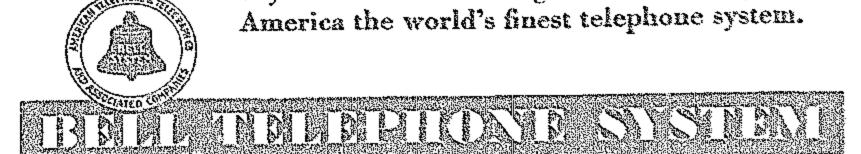
Back of a Medal

FIRE was raging through a Virginia village at midnight. A telephone workman sped there from his home...found the central office in danger.

Relieving the girl operator, he handled all calls . . . summoned help from nearby towns . . . 'til buildings on both sides collapsed and the telephone building caught fire. Quickly he disconnected the small switchboard ... moved it to safety...improvised a telephone station in a field.

In 20 minutes he re-established communication. Next morning, the rescued switchboard was installed in new quarters . . . telephone service was resumed as usual.

That telephone man received the Vail Medal...one of several awarded each year to Bell System employees for outstanding public service. Devotion to duty . . . day by day as well as in emergencies ... has given



Newly Revised Constitution

TENTATIVE CONSTITUTION AND BY-LAWS of the ARMOUR TECH STUDENT ASSOCIATION

CONSTITUTION

· Article I-Name This organization shall be known as the ARMOUR TECH STUDENT ASSOCIATION.

Article II-Object The object of the Armour Tech Student Association shall be to foster all student extra-curricular activities.

Article III--Membership

shall be limited to the students, faculty, and alumni of Armour Insti- tion. tute of Technology.

Article IV-Fees

Section 1. Each student, by paying a Student Activity Fee of \$7.50 each semester becomes a member of the Armour Tech Student Association.

Section 2. The Board of Control shall have the power to make provisions whereby faculty and alumni may become voting members of the Armour Tech Student Association.

Article V-Management

Section 1. The management of Armour Tech Student Association shall be vested in the Board of Control.

Section 2. The Board of Control shall consist of the President, the Dean, the Treasurer, the Director of Physical Education, two faculty representatives, the student officers of the Armour Tech Student Association, and a sophomore and a freshman representative who are to be elected by their respective classes at the time of their class elections.

Section 3. Two faculty representatives on the Board of Control shall be elected by the President, the Dean, the Treasurer, the Director of Physical Education, and the student officers of the Armour Tech Student Association at the beginning of each school year.

Section 4. The student president of the Association shall preside over the meetings of the Board of Control.

Article VI-Officers

Section 1. The officers of this organization shall be a President, First Vice-president, Second Vice-president, Secretary, and Treasurer.

Section 2. The officers of this organization shall be nominated by a nominating committee consisting of two Seniors, two Juniors, two Sophomores, and one Freshman, chosen by the Board of Control. This nominating committee shall be chosen during the month of April each year.

Section 3. The officers of this organization shall be elected by the entire student body from the candidates nominated by the nominating committee.

Section 4. The officers of this organization shall be elected during the month of May, and shall serve for one year, except in the case of the First Vice-president who, upon having served as First Vice-president, shall automatically become President of the organization.

Section 5. The President of this organization must, at the time of his taking office, be completing his Junior year and be ready to start his Senior year the following September.

The First Vice-president of this organization must at the time of his election, be completing his Sophomore year and be ready to start his Junior year the following Septem-

The Second Vice-president of this organization must at the time of his election be completing his Junior year and be ready to start his Senior year the following Sep-

tember. The Secretary of this organization must at the time of his election, be following September.

mour Institute of Technology.

President.

It shall be the duty of the First Vice-president of this organization to assume charge of all committee work of the organization and to perform any other necessary duties that charge: shall fall to the First Vice-president.

It shall be the duty of the Second Vice-president of this organization to represent his class on the Board of Control, to act as an assistant to the Secretary, and to per- | man. form any other necessary duties that fall to the Second Vice-president.

It shall be the duty of the Secretary of this organization to represent his class on the Board of Control; urday. to take minutes at all meetings of the Board and of the Association, and keep them in bound books, and Membership in this organization to care for any other records and documents concerning the organiza-

Article VII-Meetings

Armour Tech Student Association | the members are finding time to polshall be held every year. Other meetings may be held at such intervals as the officers of the organization deem advisable.

Article VIII—Amendment

trol to a vote of the student body.

BY-LAWS

Article I-The Nominating Committee

The nominating committee shall meet within two weeks after their

- appointment and 1. Nominate at least two candidates for the office of First Vice-president, Second Vicepresident, and Secretary.
- 2. Set a date during the month of May for an election.
- 3. Conduct the election. 4. Announce the successful can-

didates. Article II-Special Elections

In case an officer resigns or is unable to continue his duties, a successor shall be elected by the Board of Control.

Article III—Intramural Contests

Section 1. Intramural contests comprising inter-class athletic contests, inter-fraternity athletic con tests, and the like, shall be under the direction of an intramural man-

Section 2. The intramural manager shall be appointed by the President of the Armour Tech Student Association.

Section 3. The intramural manager must arrange intramural schedules, furnish any necessary referees, umpires, or judges, draw up any necessary rules, and make any other necessary arrangements.

Sction 4. For his work, the intramural manager shall receive a minor manager's award.

Article IV-Cheers and Cheer Leaders

Section 1. Two cheer leaders shall in any manner it deems advisable.

receive a minor sweater with a megaphone monogram on the sleeve as sociation in assembly, or by action an award for his services.

Article V—Protests or Appeals Section 1. The officers of this organization shall act as a committee with the President as chairman when considering all protests regarding tion. athletics, or appeals of the classes, organizations, committees, or students.

shall be referred to the officers of the organization.

Article VI-Appointments President of this organization shall school activities displayed by these be subject to the approval of the men while in school in accordance Board of Control.

Article VII—Distribution the Armour Tech Student Association shall be published each fall.

Article VIII-Athletic Awards Section 1. The standard Major completing his Sophomore year and and Minor "A" shall be awarded to be ready to start his Junior year the deserving athletes. The first sweater award-major or minor-must be The Treasurer of this organiza- black. After the first award, the athtion shall be the Treasurer of Ar- | lete is allowed his choice of color for his sweater. A graduating senior Section 6. It shall be the duty of who earns a major letter and has won ganization shall be published at the the student President to represent a major letter in a previous year may the organization on the Board of have a choice of a sweater or jacket Article XII-Directors and Coaches Control, and to perform such other for his award. Graduating seniors duties as appertain to the office of who have earned a major letter shall the power to hire directors and

Fraternity Notes

Phi Kappa Sigma As a result of the election held at the last meeting of the Chapter, the following are the officers in

President: William Harrison Sav-

Vice-President: Louis Lange, Jr. Treasurer: Irby Murray Hughes. Secretary: Warren Richard Brink-

The new year's social program was launched with the annual alumni dinner on Friday, January 10, and an informal radio dance on Sat-

Theta Xi

Alpha Gamma Chapter inaugurated the 1936 pledging season with the pledging of Earle H. Brink E.E. '37 and William A. Chapin, Jr. E.E. '37. All activities are at a momentary standstill with the scholastic A Meeting of all members of the 'home stretch' in view. However, ish up their ping pong technique so as to be in readiness for the anticipated tournament.

Delta Tau Delta

The toboggan and skating parties The constitution may be amended | held during the Christmas vacation at any time by a two-thirds vote of | met with everyone's approval. A the student body, said amendment | vacation in Miami also met with one to be submitted by the Board of Con- | sunburned member's personal ap-

At the present time, plans are being formulated for an orchestra dance to be held soon and preparations are being made for the next Mothers' Club meeting.

Pi Kappa Phi

Stopping at the house on a tour of inspection, Mr. McCann, assistant national executive secretary from Richmond, Virginia, was a visitor last week-end. Last Tuesday also found visitors at the house; the Mothers' Club held their meeting on that day.

Manager of a major sport shall receive a major manager's award. Manager of a minor sport shall receive a minor manager's award.

Section 2. Recommendations for awards in any sport are to be made by the coach of that sport.

Section 3. The final decision in regard to awards is to be made by the Board of Control.

Article XI-Loan Fund

Section 1. The Armour Tech Student Association may from time to time advance to the Student Loan Fund of Armour Institute of Technology funds from their surplus.

Section 2. The administration of this fund shall be vested in a committee whose members shall be the Dean, the Treasurer of Armour Institute of Technology, and the Student President of the Armour Tech Student Association. Loans from this fund shall be authorized by the above committee only after approval of the applicant by the Student Loan Committee of the Faculty Council.

Section 3. The withdrawal of be selected by the Board of Control funds from the Armour Tech Student Association reserve may be Section 2. Each cheer leader shall stopped at any time by action of either the Armour Tech Student Asof the Board of Control, and thereafter Armour Institute of Technology agrees to return to this fund all collections until the entire fund, with accrued earnings, is restored to the Armour Tech Student Associa-

Article X—Honor Cycle

The Board of Control in a meet-Section 2. All protests and appeals ing assembled each year shall select ten men from the graduating class to be known as Honor Edition Men. The basis of selection shall be All appointments made by the on the leadership and interest in all with the basis of selection now drawn up. These men shall receive The Constitution and by-laws of recognition of this award by appropriate publication of the Honor Edition Award in the Cycle. The list shall be published in alphabetical order, there being no discrimination with regard to priority in the scoring. These awards shall continue as long as the Cycle is published by this Association.

Article XI-Financial Report A financial statement of the orend of each fiscal year.

The Board of Control shall have receive the standard blanket award. coaches as it deems necessary.

Tech Beats South Side Junior, 25-24

Exciting Finish Climaxed by Merz' Shot

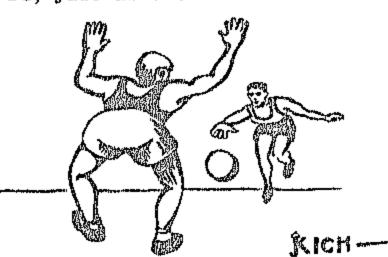
Not satisfied with the see saw fashion of their last basketball game with Chicago, Armour turned in a still closer performance against South Side Jr. College. The game was not won by Armour until in the closing seconds when Merz pulled a sleeper and took Heike's long pass under the basket and dropped the ball in for the necessary points.

Both teams played a loose game, having a very difficult time keeping the ball in their mitts. It was repeatedly taken across the center line only to be lost to the opposition.

Many Fouls

During the first half neither team gained any substantial foothold on the score, with almost as much being made from fouls as from baskets. Both teams scored their first points on fouls, Archbold of South Side on Merz's foul, and Dollenmaier on Archbold's. South Side took the lead first when Archbold

followed up his charity toss with a basket, but lost it a short time later when Merz dropped one and Heike made a free toss. Armour managed to keep its lead for most of this his basket and left the game a short half, losing it only when Archbold sunk a basket to tie the score at 1 and 11, just as the half ended.



At the beginning of the second half South Side went ahead on Archbold's basket, but a short time later Heike tied it up and then Merz gave us the lead at 15-13. Warner added two more points with

Campus Club's Second Smoker Held Friday

Meeting in the club rooms, alumni and student members of the Armour Campus club held their second smoker of the semester last Friday. The gathering was informal, and the entertainment consisted of ping pong, billiards, and cards.

Refreshments were served during the evening to the guests, and also to Bill, the night watchman; Snoonie, the destitute dog; and to lateworking member of the News staff.

Techawks Defeat Wheaton College

Notwithstanding some soccerplaying by its substitutes in the last quarter the Armour basketball team came out on the front of a 39-19 score when they played Wheaton College the Wednesday before the Christmas holidays. Early scoring by Heike and O'Brien, with five and six baskets respectively, prevented the game from becoming one of those win-by-a-point battles.

The whole contest was a rather poorly played game as far as basketball goes, with thirty-two fouls being piled up by both teams. Guarding, as done in the Armour style, was fairly tight, the Wheaton preachers being hard put to eke out their nineteen points with only five baskets. The home team, on the other hand, was allowed to run free and managed to put away fourteen baskets

besides ele	ver	1 T	re				
Wheaton	(19 B	F.	P	Armour ((39) B	₽ ⊓	p
Page, f.	1	3		Heike, f.	5	3	2
Nelson, f.	0	1	4	Shukas, f.	1	0	2
Watson, f.	1	0		Merz, c.	0	0	- 0
Rhoad, c.	0	1	2	O'Brien, c.	6	0	1
Romein, g.	1	1		Warner, g.	0	4	2
McDonald, g.	1	2	8	Dollenmaier, g	. 2	0	8
Ewing, g.	1	0		Taradash, f.	0	1	3
Nelson, g.	0	1	2	Hebenstreit	0	1	Ð
	 -			O'Connell, g.	0	2	0
Total	5	- 9	17	Shechan, f.	0	0	2
				Bacci, f.	0	0	0
				Total	14	31	15
	<u> </u>						

time later on his fourth foul, O'Connell replacing him at guard. Stormer came right back with another basket and a few seconds later scored again to make the score tied at 17 all.

The next six points were scored by Armour in short time, but South Side bounced in again with seven, and the score went into the final minute, South Side ahead 24-23!

With 25 seconds to go the unexpected happened. Merz in some unknown way found himself alone under the South Side basket and when Heike's long throw from the other end of the floor came, he nervously dropped it in, and before anything further could happen the game ended.

Armour			South Side				
,	13	\mathbf{F}^{n}	*		13	Ţ	Į.
Heike, f.	8	4	0	Conwill, f.	2	0	(
O'Brien, f.	0	0	0	Stormer, f.	2	1	2
Wagner, f.	0	0	1	Wilson, f.	0	0	(
Merz, c.	5	0	8	Singleton, c.	0	1	7
Warner, g.	2	0	4	Jones, c.	O	1	2
Dollenmaier,	$\mathbf{g} = 0$	1	1	Archbold, g.	อ	2	2
, , , , , , , , , , , , , , , , , , , ,				Johnson, g.	0	1	2
Totals	10	5	9				
				Totals	9	6	11

BILL ECKROAD'S SANITARY BARBER SHOP 3 Barbers—No Waiting

Cigars—Pipes—Cigarettes Pocket Billiards 114 E. 31st St.

U. OF C. CAGERS DEFEAT ARMOUR QUINTET, 51-49

Smashing Armour's hopes for a fourth consecutive victory, the University of Chicago Cagers defeated the Techawks by a narrow margin of two points with a score of 51-49. It was a pot shot from the center of the floor by Dave Lefevre, that

won the game for Chicago in the last

30 seconds of play. This basket was

Lefevie's only score. A capacity crowd witnessed this fast, rough, and exciting game. In an attempt to stop the rough play, the referees awarded Chicago 24 free throws, 17 of which were made. Armour was awarded 21 but only 13 were counted on.

Fine Offensive

A combination of loose defensive work and fine offensive play ran the score up to 28-28 by the end of the first half. The second half found both teams out to pile up a big score. Haarlow, fed by his team mates, was sinking hook shots that couldn't be stopped. Heike was doing his best to keep the score evened up, while Merz batted in a good many shots that bounced off the backboard. It was Warner's and Dollenmaier's fine guarding that held down Chicago's score, however. Bill O'Brien, with eight points, was in for his share of the glory too.

Amundsen Acts

Near the middle of the second half, Amundsen, Chicago's big center, startled the crowd by jumping high in the air to bat the ball away from the basket when it looked like another score for Armour. Heike followed the shot up, however, and put it through the net.

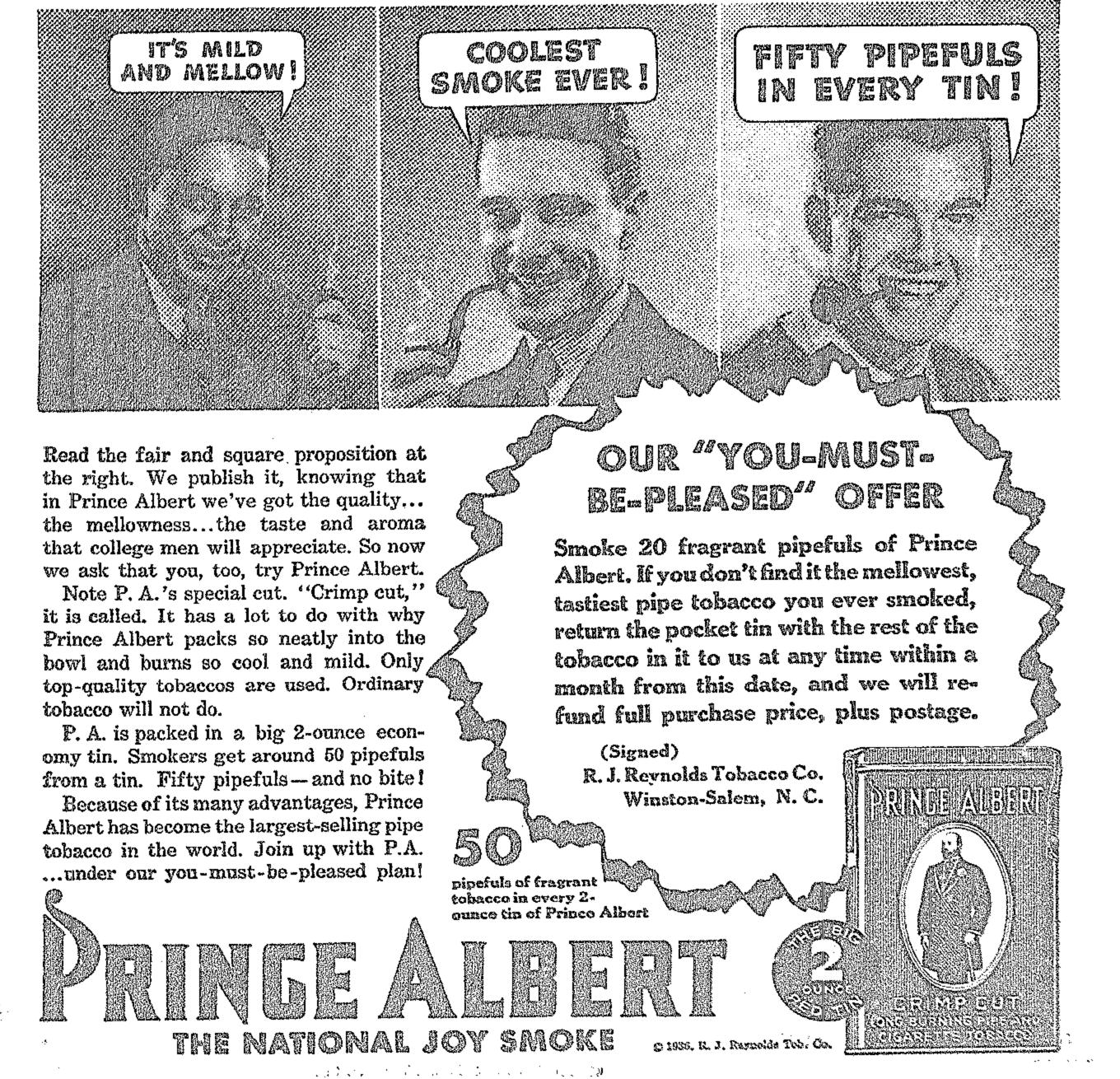
The Techawks looked good against Chicago and it was chiefly Haarlow's stellar work under the basket that prevented another win for Armour. Haarlow was high point man with 25 points credited to him. Heike was close behind with 17 points.

Chicago	(51)		Armour	(49))	
	\mathbf{B}	r	\mathbf{P}		\mathbf{B}	F	p
Haarlow, f.	9	7	2	Heike, f.	6	4	2
Lang, f.	В	5	-31	O'Brien, g.	3	2	4
G. Peterson, c.	. ;	2	3	Merz, c.	5	3	3
Fitzgerald, g.	1	1	2	Warner, g.	2	2	4
K. Peterson, g.	. 1	Ð	4	Dollenmaire,	g. 2	1	3
Amundsen, c.	1	2	1	Shukes, f.	0	1	0
Lefeure, g.	1	0	1	O'Connell, g.	0	0	1
							—
	17	17	16	1	18	13	18
Į.							

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INTERCLASS TRACK WEETS WEEK

Fraternities Compete in Second Annual Swim Today

EVENTS AT U. OF C.

Intramural competition occupies a prominent place in this week's sports spotlight with the holding of both the Annual Interclass and Interfrater nity Swimming Meet and the Annual Interclass Track Meet. The University of Chicago will be the scene of both events, the splash party taking place at 4:00 p. m. today in the pool in Bartlett Gym, and the track meet being run at the same time Friday in the field house.

The interclass events today will consist of a four man 160 yard free style relay and a three man 120 yard medley relay. Last year's meet was won by the team of '36, and it is the prevalent opinion, at least in the minds of the seniors, that the event this year will be a repetition. The fact that varsity men are eligible for competition in both events does not insure, by any means, that the upper-classmen have the meet clinched. A few good swimmers among the membership of any class will put that class in the running.

Interfraternity Meet Larger

quite a bit more ground, including those events in the interclass, along with the 40 yard breast stroke, free style, and back stroke events. The meet also includes the 100 yard free style, the 220 yard free style, and fancy diving events. This interfraternity sport is comparatively new by Armour in comparatively easy repetition. at Armour, having been introduced only last year, and from the enthusiasm shown it was entered as an annual event. The defending champions are the Phi Kaps.

In the track meet, however, varsity men are limited to one event. These events are, as in other years, the 70 yd. dash; the 440, 880, one mile, and two mile runs; the 70 yd. low and high hurdles; shot put; high jump; pole vault; and 880 yd. relay; with the broad jump a new event, being added.

Sophs Look Good

The sophs, who won last year, look good again, but will meet strong opposition from the seniors whom they nosed out 58 to 53 1/2 last season. The new freshmen are reported to include talent. Thornton, who won the shot put and pole vault for last year's frosh, is no longer in school, and Dunbar and Faust, responsible together for two firsts, a second and a third, will be limited to one event apiece. This brings the sophs down to the size of the other classes and makes the meet a wide open affair, with the seniors favored to maintain last year's place while the sophs drop. The juniors, who had exactly three (3) men to represent them last year will "also ran" (as usual)!

Armour Defeated by U. of C. Fencing Team

The fencers are scheduled to meet Wright Junior College on Thursday, January 16, at Armour.

The Armour fencing club, following up a loss to the Lake Shore Athletic club, was defeated by Chicago University by a score of 6 to 3. Tech was represented by K. Trzyna, Z. Trzyna, and Folkrod; each of which had an opportunity to meet Marks, Winter, Wilson, and Richardson of the U. of C. Foils were the only weapons used, due to Armour's lack of equipment and men, and the official meet was followed by a number of social bouts.

Fencing Schedule 1935-1936

Lake Shore Athletic Club at Lake Shore—Dec. 28.

University of Chicago at Chicago ---Jan. 10.

Wright Junior College at Armour ---Jan. 16. Lake Shore Athletic Club at Ar-

mour-March 12. Northwestern University at Northwestern-March 28.

DID YOU KNOW THAT-

In the present Wilson western basketball equipment catalogue, and in their Winter sports wear catalogue, there are hot snapshots on the inside rear covers, of last year's basketball squad in action?

Tech Wrestlers Vanquish Morton

More than making up for their first defeat, the wrestling team trampled Morton Junior college's squad into the mat and waded out victorious 25 1/2 to 41/2. The score, as lopsided as it was, is not misrepresentation of the team that came here, for while a few of them were really capable fellows, the majority succeeded in being very good "under"

Matches Mixed

The matches were carried on in a way which utterly disregarded the usual method, of beginning with the lightest and working up systematically to the heavyweights, and opened up with the Kreml-Vesely bout at 165. This tussle was Armour's all the way, with Kreml taking over th top position soon after the opening. and working almost the full time b. fore gaining a fall.

their lone win of the match with Fridrich gaining a time advantage over Ropek. The other match which netted Morton some points was the Basile-Samec bout, at 118 pound; were so evenly matched that the best | a time advantage of 3:17. they could do was walk around for advantage whatsoever.

Tech Takes the Rest

style, with the possible exception of Dunne's bout. In the heavy-weight class, Tullgren, weighing only 165, substituted for Peterson and gave Glaviano, of Morton, a few lessons. Not being satisfied with anything ordinary, he persisted in standing his man on the back of his neck. Boberg also turned in a good exhibition by showing his opponent just where he belonged. The time advantage of 8:10 which he held is nothing short of a believe-it-or-not, considering that the bouts were eight minutes apiece! In the 155 lb. class Popper made short work of his opponent, Shaufel, by ending his workout in 3:29. Patterson turned in the last of the list of one-sided matches. Going to work with his trusty figure-four he rode his man throughout most of the match, but since his several attempts at gaining a fall failed, he had to be contended with a time advantage of

Dunne Wins Again

It was in the other match at 135 lbs., Dunne versus Rehkoph, that the crowd received its biggest thrill. Rehkoph, a wrestler of no mean abilmatch, on the bottom, but only because Jimmie was doing a fine job setting Williams ahead, 6-4. of riding. He was giving Dunne a real run for his money all the way and persisted in being a constant threat. With less than a minute to The next bout at 125 gave Morton | go, he succeeded in changing places with Jimmie, who slipped into a hold which almost spelled his downfall. While he was making his almost futile efforts to prevent himself from being pinned, time was called, and The interfraternity meet covers which ended in a draw. Both men Armour gathered in the match with

eight minutes and make faces at each | cago University tomorrow at four | shot to the backboard which Heike | other, neither being able to gain any o'clock in Bartlett Gym on the U. tipped in to open Armour's rally. of C. campus. In a meet last year, Another tip left the ball to Dol-Tech bested the Midway boys and it lenmeyer who dribbled from guard The rest of the matches were taken is hoped that the victory will bear position, smashing through three op-

Tech Quintet in Seventh Straight Win Over George Williams College

Tech is slated to meet Wheaton College on Thursday, Jan. 16, and Lake Forest on Saturday, Jan. 18. The Techmen will travel to both

In a fast scoring, closely guarded battle the Techawks rampaged to defeat the George Williams quintette, 43-36, for the second time this season last Saturday night at Williams' gymnasium.

Armour proved her superiority in the first half by penetrating the Williams defense 11 times for 11 field goals, running up a 28-13 margin. But Tech had to contend with a fighting, rejuvenated five in the final period whose offensive tactics netted 23 points to Tech's 15.

Tech Starts Scoring

Heike sank two free throws in the first minute to start the scoring. An exchange and a toss from O'Brien to Heike under the basket netted the first field goal of the game. Here, McBride intercepted an Armour zone pass and raced to Wility had been for the most part of the liams end, securing the point. A rally of two more buckets ensued,

> to his closely guarded team mates, sank a long one from center floor the game. to end Williams' only era of lead during the entire game. O'Brien was forced to leave the game at this point because of injury to his foot.

Tech Gains Lead for Good A foul on Williams enabled Heike to put Armour in a lead which was held to the end of the battle. Wagner then took a long pass from Wil-Armour is scheduled to meet Chi- liams' floor and hurled a corner

posing men, to sink one in the clear

under the basket. Merz and Heike netted more points while the guards worked the ball in through Williams defense. The half ended with the score 28-13.

Williams Stages Comeback

Blewott nailed the first score in the next period that featured some scrappy and speedy playing. Heike sank one for Tech while Johnson retaliated with one for Williams Heike gained a goal and a charity and both teams began to run desperately from end to end as the ball interchanged.

Johnson and Blewott with bucket apiece began Williams' rally. momentarily interrupted with a long toss by Warner. Johnson sank another after Williams began to hammer Armour's defense. Blewott and Heike took free tosses and Bagaloff took another goal for Williams.

The ball changed hands frequent ly as the time decreased, and Armour's defense tightened around Williams' goal. Warner sank a free toss and Sella, a basket.

As the time approached the final seconds and Williams lagged by 11 Warner, unable to shoot the ball points, Borberly dropped one in and Bagaloff grabbed the final score of

George Willinms-36 Armour-43 14 15 15 Borberly, g.

GERMAN KITCHEN 25c Plate Lunch Changed Daily BOULEVARD CAFE Sandwiches 5c and 10: 31st and Michigan

Totals

12 10 18

Phi Pi's Win Again in Cage Tourney

For the seventeenth straight year the Phi Pi's successfully defended their interfraternity basketball title. In a tussle which might have been closer, they defeated Delta Tau Delta, 28 to 13.

Play during the first half was fast, with the boys not any too particular about their tactics. Sramek of the Phi Pi's sunk the first basket of the game on a long side court shot, putting his team into the lead, a position which they persisted in holding throughout the remainder of the game. The Delts, on the other hand, succeeded in clicking several times, and at the half were only trailing their rivals by 14-8.

Second Half Fast

The second half started fast, with Hendrickson dropping a long one, which gave the Delts new hopes. These were short lived, however, for the Phi Pi's retaliated and pushed the score to 22 to 11. Having established this comfortable lead, they then gave a fine exhibition of stalling, with only an occasional attempt at scoring, but in spite of themselves gathered in six more points.

With this victory the Phi Pi's added another link to their long chain of cage victories, and gathered in the laurels for the eighteenth straight

Delta Tau Delta	1 (13)		Phi Pi Phi	(28)			
B	\mathbf{r}	P	<u> </u>	В	Ţ	P	
Hendrickson, f. 2	0	0	Shukes, f.	8	2	0	
Street, f. 1	0		Kubicka, f.	5	1	2	
Gallagher, c. 0	0		Abbott, c.	1	0	2	
Engelthaler, g. 1	2		Sramek, g.	3	0	2	
Laise, g. 1	1		Malinowski, g.	0	0	0	
Dixon, g. 0	0	0	Dunbar, c.	0	1	2	
Boche, f. 0	0	0					

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